MINIMOD AJ-40 FAMILY

AVAILABLE STEADY STATE CURRENT[1] @ 50°C AMBIENT

MULTIPLE OUTPUT MODELS – OUTPUT CURRENT – AMPS

OUTPUT	DC OUTPUT[1]	MINIMUM	MAXIMUM[3]	MAXIMUM[4]	PEAK[4, 5]
V1	3.3 to 48[7] V V	0[2]	4	5	6
V2	2.0 to 48[8] V	0	1	1.5	1.5
V3	2.0 to 48[8] V	0	0.8	1	1

SINGLE OUTPUT MODELS (3.3 to 48[7,11] VDC) – OUTPUT CURRENT – AMPS

OUTPUT CURRENT	5V	12V	15V	24V	48V
MINIMUM	0	0	0	0	0
MAXIMUM[3]	6	2.5	2	1.3	0.6
MAXIMUM[4]	8	3.3	2.6	1.7	0.8
PEAK[5]	9.5	4	3.3	2.1	1

(1)...Full power out on V2-V3 with minimal V1 loading--Option.
(2)...20% Min.load for stated regulation on multiple O/P units.
(3)...Convection cooling.
(4)...20 CFM forced air cooling.
(5)...30 seconds maximum duration.
(6)...Most output combinations from 2 to 48+ Volts possible; up to maximum rated Current / Power...Consult SIX SIGMA APPLICATION SUPPORT @ 516-484-6689.
(7)...Specify 0.1V increments.
(8)...Specify 0.75V increments.
(9)...Regulation may degrade under some output conditions. Consult SIX SIGMA APPLICATION SUPPORT.
(10).Consult SIX SIGMA APPLICATION SUPORT for Model #.
(11).For outputs >48 Volts, consult SIX SIGMA APPLICATION SUPPORT.

FOOTPRINT / CONNECTORS / PINOUT

CON1 (CONNECTORS) CONFIGURATION

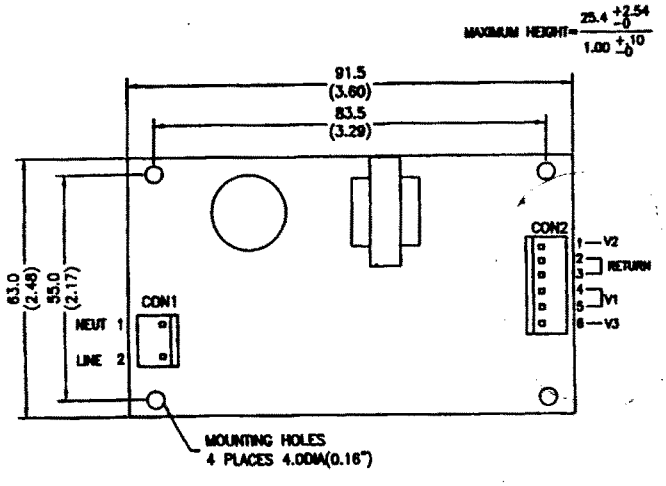
	1	2
AC INPUT	NEUT	LINE

CON1(CONNECTORS) CONFIGURATION

	1	2
DC INPUT	–	+

CON2 (CONNECTORS) CONFIGURATION

	1	2	3	4	5	6
Multiple Output	V2	RETURN		V1		V3



CON1=CONNECTOR,MOLEX#09-74-1031(OR EQUIVALENT)
(MATING CONECT.=MOLEX#09-50-3031)
CON2=CONNECTOR,MOLEX#2660 4060(OR EQUIVALENT)
(MATING CONECT.=MOLEX#09-50-3061)
ALL MATING TERMINAL=MOLEX#08-50-0106

V1-+18
V2- -18

TOLERANCE : mm±0.5 / (inch)±0.02
UNIT: mm / (inch)

This POWER SOLUTION® is our long-term commitment to provide you with the best value in power over the life of your product. This is the meaning of Six Sigma as it applies to service and support. POWER SOLUTIONS INC. is dedicated to, and has the proven capability to provide the solutions to your power problems from that very unique point of view - YOURS!